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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.       | CONFIRMATION NO.       |
|--|-------------|----------------------|---------------------------|------------------------|
| 10/527,244   | 03/09/2005  | Ludwig Schieferstein | C 2714 PCT/US             | 2856                   |
| 23657  | 7590        | 01/12/2009           |                           |                        |
| FOX ROTHSCHILD LLP<br>1101 MARKET STREET<br>PHILADELPHIA, PA 19107 |             |                      | EXAMINER<br>KHAN, AMINA S |                        |
|  |             |                      | ART UNIT<br>1796          | PAPER NUMBER           |
|  |             |                      | MAIL DATE<br>01/12/2009   | DELIVERY MODE<br>PAPER |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/527,244

**Applicant(s)**

SCHIEFERSTEIN ET AL.

**Examiner**

AMINA KHAN

**Art Unit**

1796

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 7/25/2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 14-33 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 14-33 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/ICE)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on July 25, 2008 has been entered.
2. Claims 14-33 are pending. Claims 1-13 have been cancelled.
3. Claims 14-26 and 29-33 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Johnson, Jr. et al. (US 3,256,230) for the reasons set forth in the previous office action.
4. Claims 27 and 28 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Johnson, Jr. et al. (US 3,256,230) in view of Maekawa (EP 1146103) for the reasons set forth in the previous office action.

### ***Response to Arguments***

5. Applicant's arguments filed regarding Johnson, Jr. et al. (US 3,256,230) and Maekawa (EP 1146103) have been fully considered but they are not persuasive. The applicant argues that Johnson et al. do not teach a copolymer-copolymer mixture. The examiner respectfully disagrees because Johnson et al. clearly teach that the non-fluorine containing polymer can be prepared from one or more non-fluorine containing monomers (column 4, lines 25-30) suggesting a copolymer. Furthermore, applicants arguments regarding the examples not demonstrating copolymer-copolymer mixtures are not persuasive since a reference is not limited to the working examples, see *In re Fracalossi*, 215 USPQ 569 (CCPA 1982). All disclosures of the prior art, including non-preferred embodiment, must be considered. See *In re Lamberti and Konort*, 192 USPQ 278 (CCPA 1967); *In re Snow* 176 USPQ 328 (CCPA 9173).

Regarding applicant's arguments of synergistic results, applicant's arguments have not been supported by experimental data. Applicants' arguments are conclusory statements not supported by factual evidence, see *In re Lindner*, 457 F.2d 506, 173 USPQ 356 (CCPA 1972).

Regarding applicant's arguments that Maekawa do not teach copolymer mixtures, the examiner argues Maekawa are simply relied upon to demonstrate organic solvents such as glycols are effective in dispersing copolymers comprising fluorinated methacrylates and non-fluorinated methacrylates. Maekawa clearly teach polymers comprising multiple types of polymerizable monomers suggesting copolymers (see page 12, table 9). For these reason the rejections are maintained.

***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to AMINA KHAN whose telephone number is (571)272-5573. The examiner can normally be reached on Monday through Friday, 8:30-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on (571) 272-1119. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Lorna M Douyon/  
Primary Examiner, Art Unit 1796

/Amina Khan/  
Examiner, Art Unit 1796  
January 7, 2009

